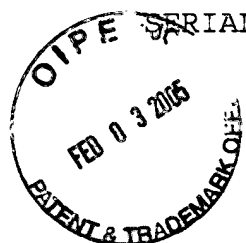


2-507



SERIAL NO. 10/751,115

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: <b>Alexander E. Smith</b>	Docket No.: <b>RANN-0012</b> RPBPC REF: <b>RANN-0012</b>
Serial Number: <b>10/751,115</b>	Art Unit: <b>3662</b>
Filing Date: <b>January 5, 2004</b>	Examiner: <b>LINDA DAO PHAN</b>
Title: <b>Method and Apparatus to Correlate Aircraft Flight Tracks and Events with Relevant Airport Operations Information</b>	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(c)(2)

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Sir:

Transmitted herewith is an Information Disclosure Statement (Form PTO-1449) in the above-captioned application along with copies of the references cited.

This Information Disclosure Statement is submitted after three months from the filing date of the above-identified U.S. National Patent application, or after three months from date of entry into the U.S. National Stage of the International Application that has been assigned the above-identified U.S. Patent application number, whichever applies and after the mailing date of the first Office Action on the merits of the above-identified application, but prior to issuance of the earlier of any Final Action or Notice of Allowance sent in such application.

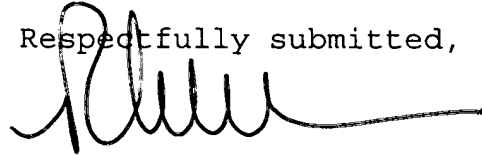
Applicant has submitted these references to comply with the duty of disclosure in the above-patented application. However, submission of these references is not to be construed as an admission by applicant that these references are Prior Art *per se*. In particular, applicant reserves the right to swear behind applicable references where possible and permissible.

SERIAL NO. 10/751,115

PATENT

The fee required under 37 C.F.R. § 1.97(c) and § 1.17(p) of \$180 is submitted herewith. The Commissioner is authorized to charge any additional fees or credit any overcharges to Deposit Account No. 50-1393. Consideration of the references and Examination on the Merits is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'R. Bell', with a long horizontal flourish extending to the right.

Robert P. Bell  
Registration Number 34,546

**Robert Platt Bell**  
Registered Patent Attorney  
8033 Washington Road  
Alexandria, VA 22308

(703) 768-0340

**February 2, 2005**  
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**FORM PTO-1449 (MODIFIED)**

## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

In re Application of:  
Alexander E. Smith et al.Docket No.: RANN-0012  
RPB REF: RANN-0012

Serial Number: 10/751,115

Art Unit: 3662

Filing Date: January 5, 2004

Examiner: LINDA DAO PHAN

Title: Method and Apparatus to Correlate Aircraft Flight Tracks and Events with Relevant Airport Operations Information

**OTHER ART (including Author, Title, Pertinent Pages, etc.)**

A01	TRAFFIC ALERT SYSTEM TECHNICAL DESIGN SUMMARY, Final Report, April 1994 (Baldwin et al.) ✓
A02	AIRSCENE, The complete Air Traffic Picture in Real Time, www.airscene.com, Rannoch Corporation, Alexandria, Virginia, undated. ✓
A03	GPS Relative Accuracy for Collision Avoidance, Institute of Navigation Technical Meeting, January 1997 (Rudel et al.) ✓
A04	Cassell, R., Smith A., Cohen, B., Yang, E., Sleep, B., A Prototype Aircraft Performance Risk Assessment Model, Final Report, Rannoch Corporation, February 28, 2002. ✓
A05	Cassell, R., Smith A., Cohen, B., Yang, E., Sleep, B., Esche, J., Aircraft Performance Risk Assessment Model (APRAM), Rannoch Corporation, November 30, 2002. ✓
A06	Cox, E., A., Fuzzy Logic For Business and Industry, Charles River Media, 1995, Chapter 5. ✓
A07	Smith, A., Cassell, R., Cohen, B., An approach to Aircraft Performance Risk Assessment Modeling, Final Report, Rannoch Corporation, March 1999. ✓
A08	M.L. Wood and R. W. Bush, "Multilateration on Mode S and ATCRBS Signals at Atlanta's Hartsfield Airport", Lincoln Laboratory, M.I.T., January 8, 1998 ✓
A09	AERMOD: Description of Model Formulation (Version 02222) EPA 454/R-02-002d, October 21, 2002 ✓
A10	FAA INTEGRATED NOISE MODEL, www.faa.gov, current release INM 6.1 (March 4, 2003) ✓
A11	"FLIGHT EXPLORER NEWS: Flight Explorer and Lochard Team to Provide Enhanced Flight Tracking for Cutomers Worldwide", April 28, 2003, <a href="http://www.flightexplorer.com/News/press%20releases/pr042803.asp">http://www.flightexplorer.com/News/press%20releases/pr042803.asp</a> ✓
A12	Source Code received by Rannoch Corp. from FAA, circa 1998. ✓
A13	"A Routine that converts an American Mode S address into its corresponding 'N' number string", Ken Banis, February 17, 1992/ ✓
A14	"Description of the U.S. Algorithm for Assigning Mode A Addresses", Robert D. Grappel, M.I.T. Lincoln Laboratory, November 1991 ✓
A15	"Program to convert Mode S address to U.S. Tail Number", R.D. Grappel, M.I.T. Lincoln Laboratory, 1991 ✓
A16	"Program to convert U.S. aircraft tail numbers to Mode S code", R.D. Grappel, M.I.T. Lincoln Laboratory, 1991 ✓

**EXAMINER****DATE CONSIDERED**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
(Information Disclosure Statement - Section 9 PTO-1449 (page 1 of 1):n:\work\forms\pto\ids\1449.ids

**FORM PTO-1449 (MODIFIED)**

## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

In re Application of:  
Alexander E. Smith et al.Docket No.: RANN-0012  
RPB REF: RANN-0012

Serial Number: 10/751,115

Art Unit: 3662

Filing Date: January 5, 2004

Examiner: LINDA DAO PHAN

Title: Method and Apparatus to Correlate Aircraft Flight Tracks and Events with Relevant Airport Operations Information

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	23	5,867,804	02/02/99	Pilley et al.	701	120	09/06/95
	24	5,144,315	09/01/92	Schwab et al.	342	49	12/10/90
	25	5,714,948	02/03/98	Farmakis et al.	340	961	04/16/96
	26	5,402,116	03/28/95	Ashley	340	870.1	04/28/92
	27	4,782,450	11/01/88	Flax	364	461	08/27/85
	28	3,705,404	12/05/72	Chisholm	343	112R	11/17/69
	29	6,211,811	04/03/01	Evers	342	36	11/03/99
	30	6,384,783	05/07/02	Smith et al.	342	387	12/21/99
	31	6,314,363	11/06/01	Pilley et al.	701	120	06/20/00
	32	5,629,691	05/13/97	Jain	340	961	05/26/95
	33	4,914,733	04/03/90	Gralnick	340	961	10/30/87
	34	6,133,867	10/17/00	Eberwine et al.	342	29	12/28/98
	35	4,167,006	09/04/79	Funatsu et al.	343	6.5 LC	09/04/79
	36	5,153,836	10/06/02	Fraughton et al.	364	461	08/22/90
	37	2002/0009267	01/09/03	Dunsky et al.	701	4	05/01/02
	38	6,292,721	09/18/01	Conner et al.	701	9	06/12/98
	39	6,219,592	04/17/01	Muller et al.	701	9	05/08/98
	40	6,347,263	01/12/02	Johnson et al.	701	14	10/15/99
	41	6,380,870	04/30/02	Conner et al.	340	970	02/01/00
	42	6,445,310	09/03/02	Bateman et al.	340	970	02/01/00
	43	6,477,449	11/05/02	Conner et al.	701	4	02/01/00
	44	6,571,155	05/27/03	Carriker at al.	701	3	07/02/01

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Information Disclosure Statement - Section 9 PTO-1449 (page 1 of 1))

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